

Postdoctoral Symposium

Session Sponsored by Genentech
Monday, July 28, 2-4 PM **Irvine Auditorium**

Co-chairs: Brian Eames (U Oregon), Stephanie Kadison (U Michigan, Ann Arbor) and Natalie Deneff (Princeton)

This symposium is organized by the postdoctoral co-chairs, who also selected the talks from the submitted abstracts and the Best Postdoctoral Presentations at the SDB 2008 Regional Meetings.

2:00 379 Regulation of canonical Wnt signaling by Brachury is essential for posterior mesoderm formation. **Benjamin L. Martin**, D. Kimelman. Dept. of Biochemistry, University of Washington, Seattle, WA, USA.

2:15 276 magellan functions during oogenesis to establish the animal-vegetal axis of the zebrafish egg. **Tripti Gupta**, F. Marlow, W. Mei, M. Mullins. Univ. of Pennsylvania, Philadelphia, PA, USA.

2:30 234 Hedgehog signaling regulates mammalian sensory cell formation and auditory function. **Elizabeth Carroll Driver**, M.W. Kelley. Sect. on Dev. Neuroscience, NIDCD, NIH, Bethesda, MD, USA.

2:45 418 Beta-cell number is limited by the Cdx4 transcription factor. **Mary D. Kinkel**, V.E. Prince. Dept. of Organismal Biol. & Anat., Univ. of Chicago, Chicago, IL, USA.

3:00 111 Development of the carapacial ridge: implications for the evolution of genetic networks in turtle shell development. **Jacqueline E. Moustakas**. Dept. of Integrative Biology, University of California, Berkeley CA USA; Museum of Paleontology, UC Berkeley, CA, USA.

3:15 85 A novel Pax gene controls the formation of stem cells in the leech embryo. **Matthew Schmerer**, R. Savage, M. Shankland. Section of Mol. Cell and Dev. Biol., UT Austin, Austin, TX, USA; Biology Dept., Williams College, Williamstown, MA, USA.

3:30 L33 Role of ADAM metalloproteases in cranial neural crest cell migration in *Xenopus laevis*. **Helene Cousin**, C. McCusker, D. Alfandari. Veterinary and Animal Sciences, University of Massachusetts, Amherst, MA, USA.

3:45 309 Intestinal renewal and regeneration in the planarian *Schmidtea mediterranea*. **David J. Forsthoefel**, D.J. Escobar, J.M. Stary, P.A. Newmark. Department of Cell and Developmental Biology; Neuroscience Program, University of Illinois at Urbana-Champaign, Urbana, IL, USA.